

ABSTRACT

An ultraviolet light responsive type liquid crystal alignment films are formed on opposing surfaces of a pair of transparent substrates constituting a liquid crystal cell. Next, the liquid crystal alignment films on the transparent substrates parallel to a reference plane are irradiated by a polarized ultraviolet ray dividedly by the pixel or by the dot so as to regulate an alignment direction of the liquid crystal. Furthermore, the transparent substrate that has been irradiated by the polarized ultraviolet at the previous step is irradiated by the polarized ultraviolet ray dividedly by the pixel or by the dot for developing a pre-tilt angle after rotating the transparent substrate on the reference plane so that the transparent substrate turns to a direction different from its direction at the previous step.